

ABSTRACT OF THE DISCLOSURE

The fluid circuit for a hematology analyzer includes a block-like plastic member with passageways for fluid, and a reaction chamber recess that communicates with one or more of the fluid passageways. A detachable metallic heat transfer cover member is positioned across the reaction chamber recess to close the reaction chamber recess and establish a confined reaction chamber. A heater is placed in conductive contact with the metallic heat transfer cover member to heat the cover member and thereby conduct heat to the reaction chamber. The metallic heat transfer cover member is detachably secured to the block-like plastic member and can thus be removed and replaced as needed.

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